

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

WinDoor, Inc. 7500 Amsterdam Drive Orlando, FL 32832

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.-

DESCRIPTION: Series "V130" White PVC Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **08-01755**, titled "V130 Vinyl Fixed Window – Single" sheets 1 through 8 of 8, dated 09/06/12, with revision "B" dated 03/21/15, prepared by manufacturer, dated 06/08/16, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. 12-1019.22 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Jorge M. Plasencia, P.E.

MIAMI-DADE COUNTY
APPROVED

09/08/2014

NOA No. 15-0723.15 Expiration Date: April 04, 2018 Approval Date: September 08, 2016 Page 1

WinDoor, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

- 1. Manufacturer's die drawings and sections. (Submitted under previous NOA No. 12-1019.22)
- 2. Drawing No. **08-01755**, titled "V130 Vinyl Fixed Window Single", sheets 1 through 8 of 8, dated 09/06/12, with revision "B" dated 03/21/15, prepared by manufacturer, dated 06/08/16, signed and sealed by Luis R. Lomas, P.E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202–94
 - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202–94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201–94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with installation diagram of an aluminum fixed window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3820-1**, Specimens 1, 2, 3, 4, 5 and 6, dated 06/20/12, signed and sealed by Gerald J. Ferrara, P.E.

(Submitted under previous NOA No. 12-1019.22)

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC 5th Edition (2014), dated 07/14/15 revised on 07/20/16, prepared, signed and sealed by Luis R. Lomas, P.E.
- 2. Glazing complies with ASTM E1300-04/09

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their "SentryGlas® (Clear and White) Glass Interlayers" dated 06/25/15, expiring on 07/04/18.
- 2. Notice of Acceptance No. 12-0106.01 issued to VEKA, Inc., for their "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 08/09/12, expiring on 03/04/17.
- 3. 0.4725-inch (Length) by 0.2598-inch (Height) by 0.0059-inch (Thickness) (12.0x6.6x0.15mm) Aluminum Low Profile Insulated-Glass spacer **Helima AH 1250** N (P/N.: USA K 001 000 000 R7) with Alloy **AW-3000** (Ft_u=17 ksi and Ft_y=12ksi) by **He**lmut **Lingemann** GmbH & Co., KG. (Helima).

Jorge M. Plasencia, P. E. Product Control Unit Supervisor NOA No. 15-0723.15

Expiration Date: April 04, 2018 Approval Date: September 08, 2016

WinDoor, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

- 1. Statement letter of conformance, of complying with FBC-5th Edition (2014), and of no financial interest, dated 06/08/15, signed and sealed by Luis R. Lomas, P.E.
- 2. Laboratory addendum letter for Test Reports No. NCTL-210-3820-1, issued by National Certified Testing Laboratories, dated 01/08/13, signed and sealed by Gerald J. Ferrara, P. E.

(Submitted under previous NOA No. 12-1019.22)

3. Laboratory compliance letter for Test Reports No. NCTL-210-3820-1, issued by National Certified Testing Laboratories, dated 06/20/12, signed and sealed by Gerald J. Ferrara, P. E.

(Submitted under previous NOA No. 12–1019.22)

G. OTHERS

1. Notice of Acceptance No. 12-1019.22, issued to WinDoor, Inc. for their Series "V130 White PVC Fixed Window - L.M.I.", approved on 04/04/13 and expiring on 04/04/18.

Jorge M. Plasencia, P. E. Product Control Unit Supervisor NOA No. 15-0723.15

Expiration Date: April 04, 2018 Approval Date: September 08, 2016

	REVISIONS		
REV	DESCRIPTION	DATE	APPROVED
Α	REVISED PER MD COMMENTS	01/21/13	R.L.
В	REVISED PER MD COMMENTS	03/21/15	R.L.

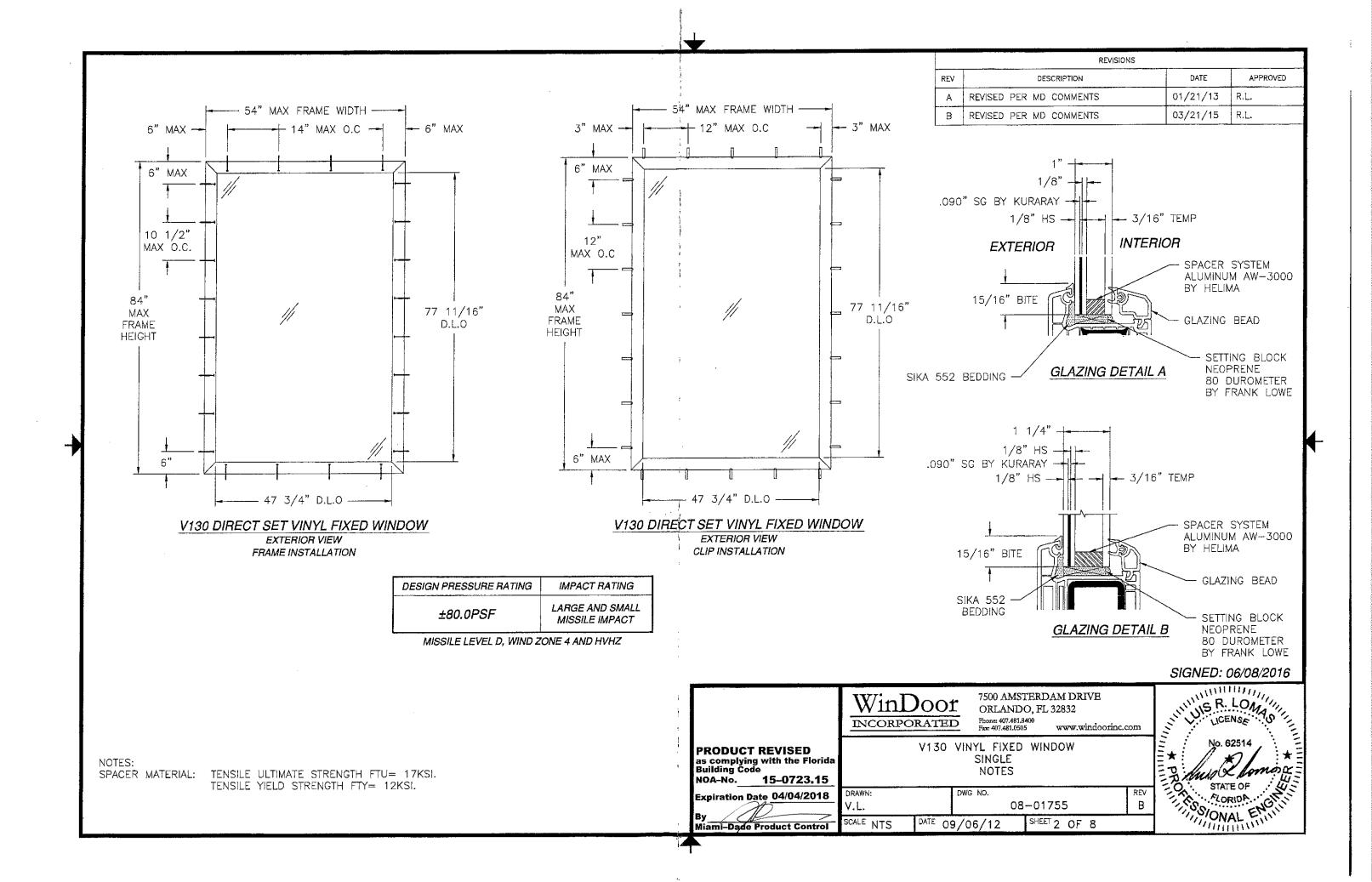
NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2014 (5th EDITION) FLORIDA BUILDING CODE INCLUDING THE HVHZ.
- 2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN, WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 5. FRAME MATERIAL: EXTRUDED RIGID PVC BY VEKA WITH TENSILE STRENGTH OF 7.3 KSI.
- 6. UNITS MUST BE GLAZED PER ASTM E1300-04/09, SEE SHEET 2 FOR GLASS DETAILS.
- 7. APPROVED IMPACT PROTECTIVE SYSTEM <u>IS NOT REQUIRED</u> FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING STRUCTURAL SHIM, SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
- 9. FOR FRAME INSTALLATION INTO WOOD FRAMING OR 2X BUCK USE #14 GRADE 5 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 10. FOR FRAME INSTALLATION INTO MASONRY/CONCRETE USE 1/4" ELCO CRETE—FLEX TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE, LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 11. FOR FRAME INSTALLATION INTO METAL STRUCTURE USE #14 SMS OR SELF DRILLING GRADE 5 SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 12. FOR CLIP INSTALLATION INTO WOOD FRAMING OR 2X BUCK USE #12 GRADE 5 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

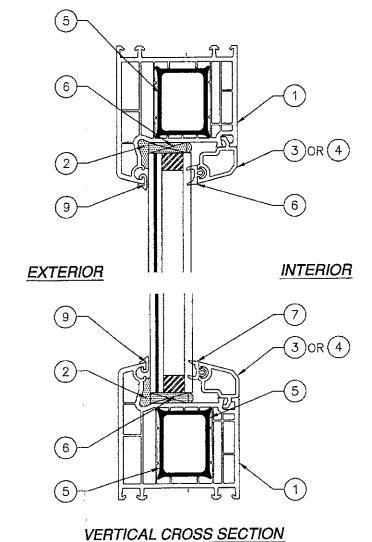
- 13. FOR CLIP INSTALLATION INTO MASONRY/CONCRETE USE 1/4" ELCO CRETE-FLEX TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 14. FOR CLIP INSTALLATION INTO METAL STRUCTURE USE #12 SMS OR SELF DRILLING GRADE 5 SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 15. ALL FASTENERS TO BE CORROSION RESISTANT.
- 16. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - C. MASONRY STRENGTH CONFORMANCE TO ASTM C-90, NORMAL WEIGHT W/2 KSI STRENGTH.
 - D. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

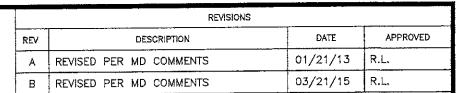
SIGNED: 06/08/2016

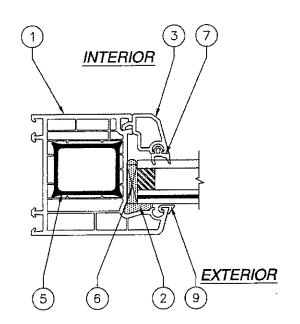
	TABLE OF CONTENTS	PRODUCT REVISED		Door ORATED		
SHEET NO.	DESCRIPTION	as complying with the Florida Building Code		V130 V	INYL FIXE	D WINDOW
1	NOTES	NOA-No. 15-0723.15			SINGLE	
2	ELEVATIONS	Expiration Date <u>04/04/2018</u>			NOTES	
3	B.O.M. AND CROSS SECTIONS	Ву / Д	DRAWN:	D	WG NO.	
4 - 7	INSTALLATION DETAILS	Miami-Dage Product Control	V.L.			8-01755
8	COMPONENTS.		SCALE NTS	DATE 09/	′ 06/12	SHEET 1 OF 8



		PARTS LIST		
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL.
1	101.214	FRAME	VEKA	RIGID PVC
2	SIKA 552	URETHANE SEALANT		
3	107.200	1" GLAZING BEAD	VEKA	RIGID PVC
4	107.204	1 1/4" GLAZING BEAD	VEKA	RIGID PVC
5	FH-06512	FRAME REINFORCEMENT	KEYMARK	ALUMINUM 6005A T6
6	01-100-7755-002	NEOPRENE SETTING BLOCK	FRANK LOWE	DUROMETER 80
7	112.050	GLAZING GASKET	VEKA	DUROMETER 60
8	141.138	WINDOW INSTALLATION ANCHOR	VEKA	G90 GALV. STEEL
9	TP132	VENT GLAZING LEG ADAPTOR	TEAM PLASTICS	DUROMETER 70



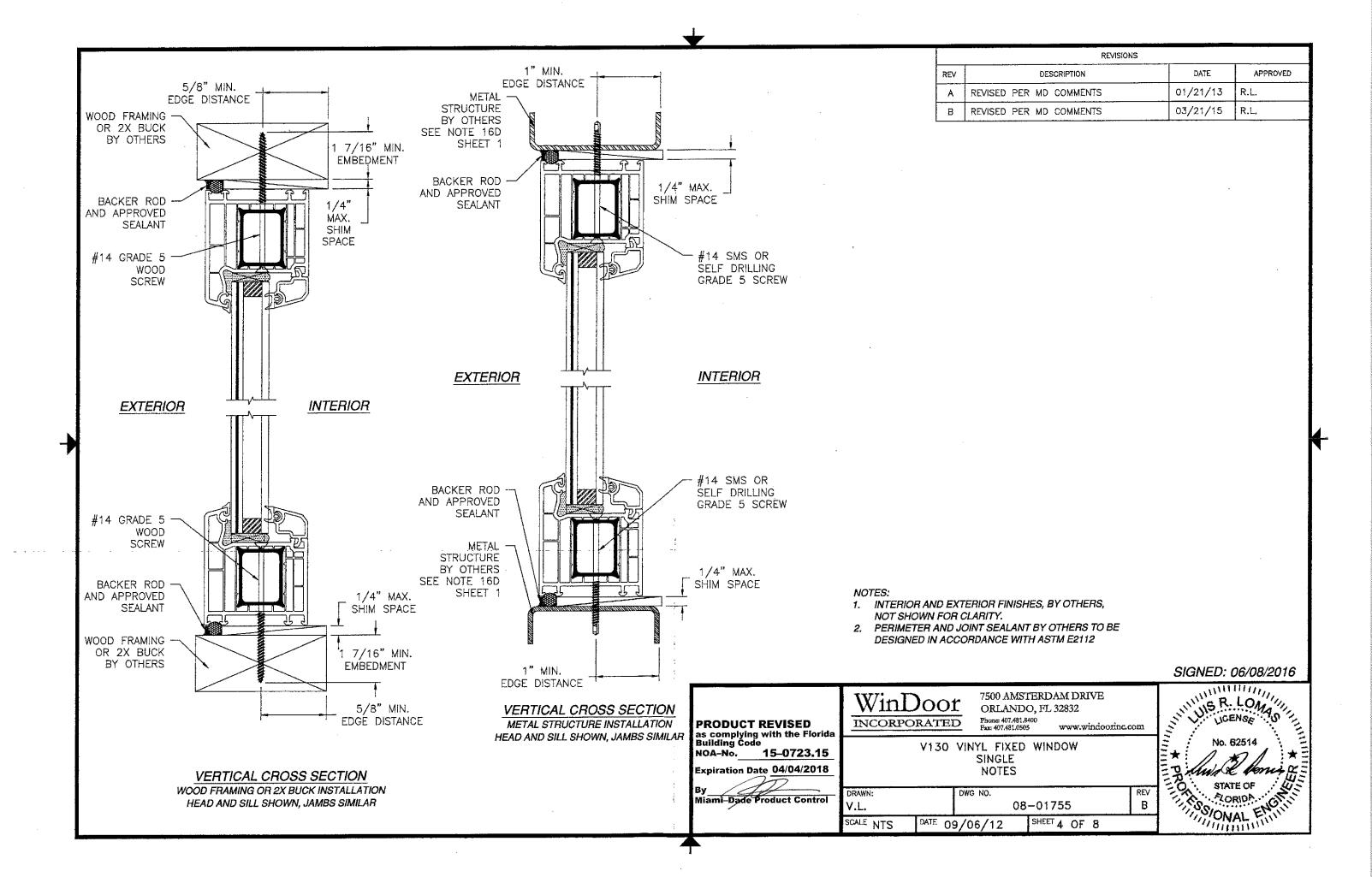


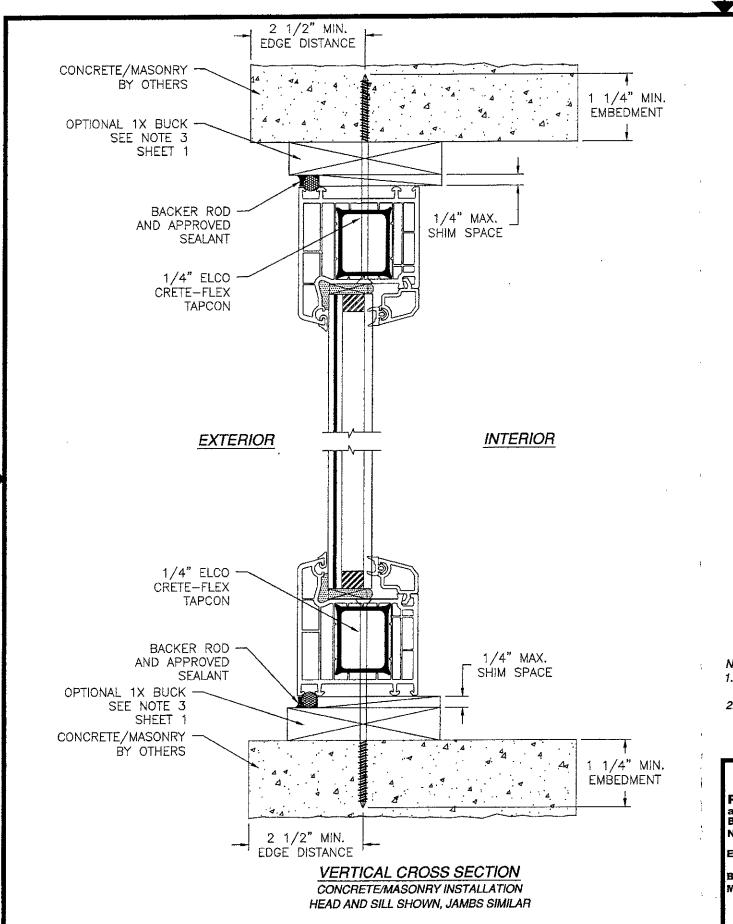


HORIZONTAL CROSS SECTION

SIGNED: 06/08/2016

PRODUCT REVISED as complying with the Florida Building Code	WinI	DRATED		505 WW	32 www.windoorine	.сот	
NOA-No. 15-0723.15 Expiration Date 04/04/2018			SINGLE NOTES				
By Miami-Dade Product Control	DRAWN: V.L.	DW	G NO. O	8-01755		REV	
	SCALE NTS	DATE 09/	06/12	SHEET 3	OF 8	-	



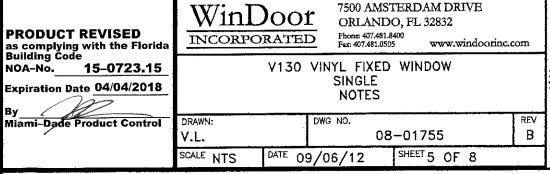


REVISIONS					
	REV	DESCRIPTION	DATE	APPROVED	
	Α	REVISED PER MD COMMENTS	01/21/13	R.L.	
	В	REVISED PER MD COMMENTS	03/21/15	R.L.	

NOTES:

- 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
- 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 06/08/2016



No. 62514

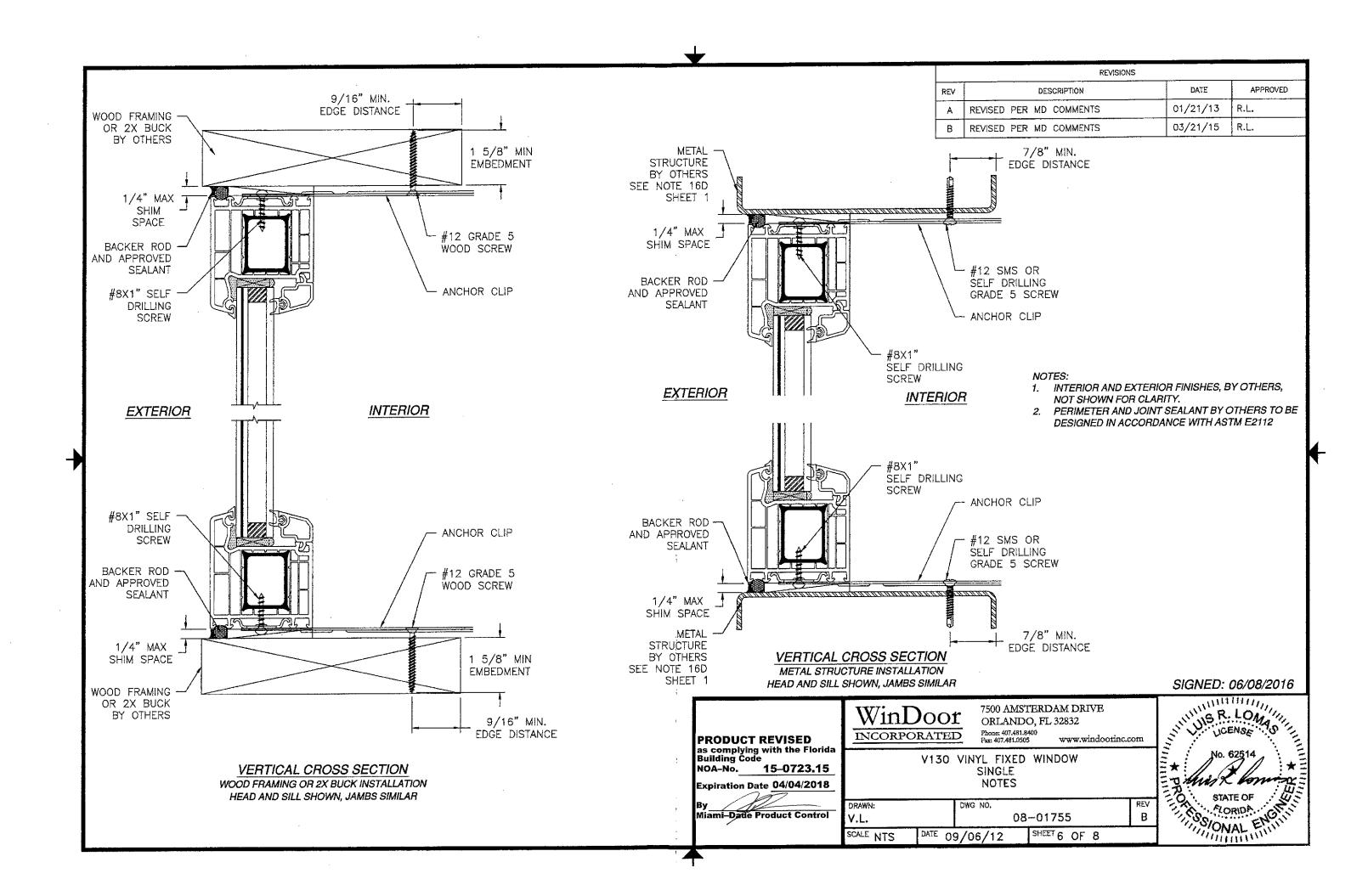
No. 62514

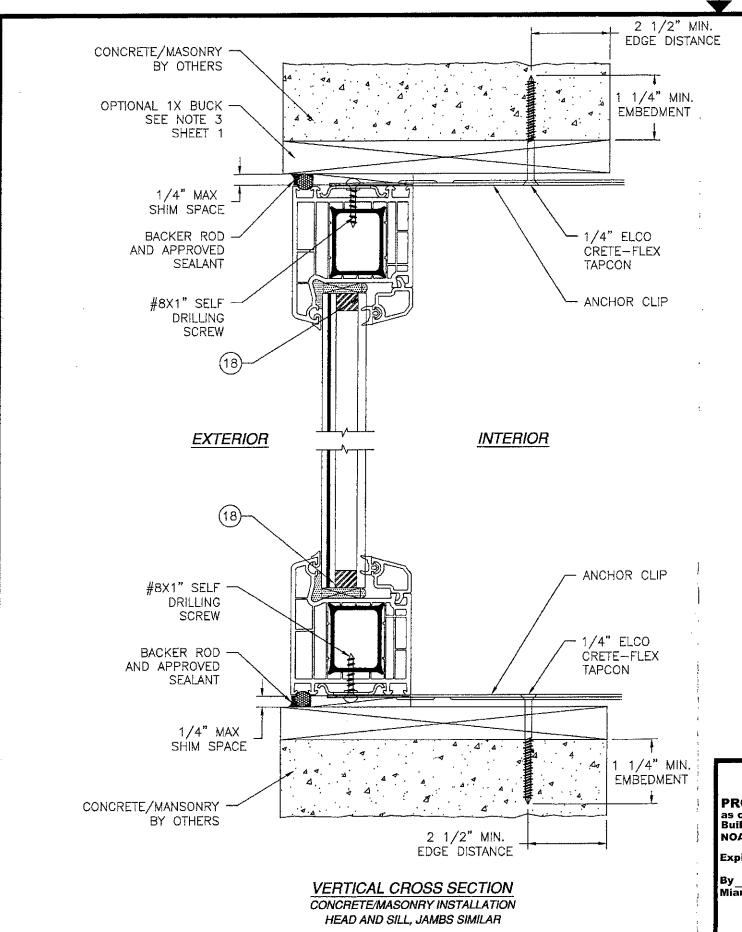
TO MAN X FORMOR

STATE OF

TORIDA

TORID





	REVISIONS					
REV	DESCRIPTION	DATE	APPROVED			
Α	REVISED PER MD COMMENTS	01/21/13	R.L.			
В	REVISED PER MD COMMENTS	03/21/15	R.L.			

NOTES:

- 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
- 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 06/08/2016

			SIGNED: 06/08/2016
PRODUCT REVISED as complying with the Florida	WinDoor INCORPORATED	7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	LINE R. LONA
Building Code NOA-No. 15-0723.15 Expiration Date 04/04/2018	V130 VINYL FIXED WINDOW SINGLE NOTES		No. 62514
By Miami-Dade Product Control	V.L.	08-01755 REV 08-01755 B	- 1 - グラングの8のと・シント

